Title (en)

ENPP1 (PC-1) GENE HAPLOTYPE ASSOCIATED WITH THE RISK OF OBESITY AND TYPE 2 DIABETES AND THEIR APPLICATIONS

Title (de)

MIT DEM RISIKO VON OBESITÄT UND TYP-2-DIABETES ASSOZIIERTER HAPLOTYP DES GENS ENPP1 (PC1) UND ANWENDUNGEN DAVON

Title (fr)

HAPLOTYPE DE GENE ENPP1 (PC-1) ASSOCIE AU RISQUE DE DEVELOPPER UNE OBESITE ET UN DIABETE DE TYPE 2 ET APPLICATIONS CORRESPONDANTES

Publication

EP 1891237 A2 20080227 (EN)

Application

EP 06763749 A 20060615

Priority

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- EP 05291298 A 20050617
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Abstract (en)

[origin: EP1736553A1] The present invention is directed to a method for determining if a subject is at increased risk to develop obesity or pathology related to obesity by determining the presence of a haplotype comprising three specific SNPs in a DNA or RNA sample of this subject and/or an elevated serum ENPP1 protein concentration. The present invention also relates to a kit and to an isolated nucleic sequence, vector or recombinant cell comprises said ENPPI gene haplotype. The invention further comprises a method for selecting a compound for the treatment or the prevention of obesity or pathology related to obesity and a method for determining the efficacy of a drug to reduce the risk of obesity or pathology related to obesity in a patient.

IPC 8 full level

C12Q 1/68 (2006.01)

CPC (source: EP US)

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